

## ABSTRACT

In a pneumatic tire that has four grooves in the circumferential direction, since an optimal ground-contact pressure at edges of each rib is influenced by a relative ratio to a ground-contact pressure at the middle position of each rib, groove angles and a rib sectional shape are optimized so that a ground-contact pressure distribution at a regular internal pressure and 100% load has a ratio of center-rib-edge ground-contact pressure to center-rib-middle ground-contact pressure from 0.80 to 1.00, a ratio of second-rib-inner-edge ground-contact pressure to second-rib-middle ground-contact pressure from 0.80 to 1.00, a ratio of second-rib-outer-edge ground-contact pressure to second-rib-middle ground-contact pressure from 0.75 to 0.95, a ratio of shoulder-rib-inner-edge ground-contact pressure to shoulder-rib-middle ground-contact pressure from 0.80 to 0.95, and a ratio of shoulder-rib-outer-edge ground-contact pressure to shoulder-rib-middle ground-contact pressure from 0.85 to 1.00.